

# Rubber Expansion Joints

Jord Bellows can supply a wide range of rubber expansion joints to suit many different applications. Rubber expansion joints are often used in water and chemical applications where lateral movement, misalignment or vibration are evident in the piping system.

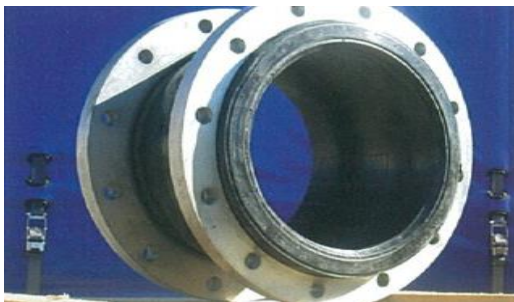
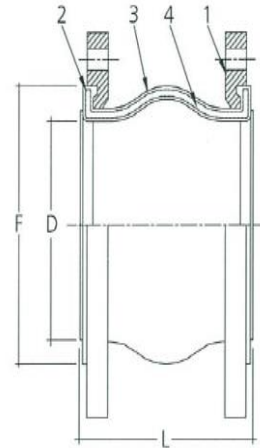
Rubber expansion joints can be supplied in spherical arch or spool designs depending on the application. Joints can be supplied in sizes from 32mm to 2000mm.

All rubber expansion joints are designed to the Fluid Sealing Association standard.

## Single Sphere Rubber Expansion Joints

With Floating Flanges

SYMBOL	PART	MATERIAL OF CONSTRUCTION
1	Flange	Carbon Steel (Cad Plated)
2	Reinforcing	Carbon Steel Wires
3	Elastomer	Special Synthetic Rubber
4	Reinforcing Fabric	Synthetic Fibre



SINGLE SPHERE RUBBER EXPANSION JOINT

ALLOWABLE NON-CURRENT MOVEMENTS IN OPERATION							
NOM	L	D	F	AXIAL COMP	AXIAL EXT	LATERAL	ANGULAR
BORE	MM	MM	MM	MM	MM	MM	DEG
25	95	25	60	8	4	8	15
32	95	40	69	8	4	8	15
40	95	40	69	8	4	8	15
50	105	52	86	8	4	8	15
65	115	68	106	12	6	10	15
80	130	76	116	12	6	10	15
100	135	103	150	18	10	12	15
125	170	128	180	18	10	12	15
150	180	152	209	18	10	12	15
200	205	194	260	25	14	22	15
250	240	250	320	25	14	22	15
300	260	300	367	25	14	22	15
350	265	320	408	25	16	22	15
400	265	372	472	25	16	22	15
450	265	415	522	25	16	22	15
500	265	454	570	25	16	22	15
600	254	580	690	19	13	19	15
700	254	680	800	19	13	19	15

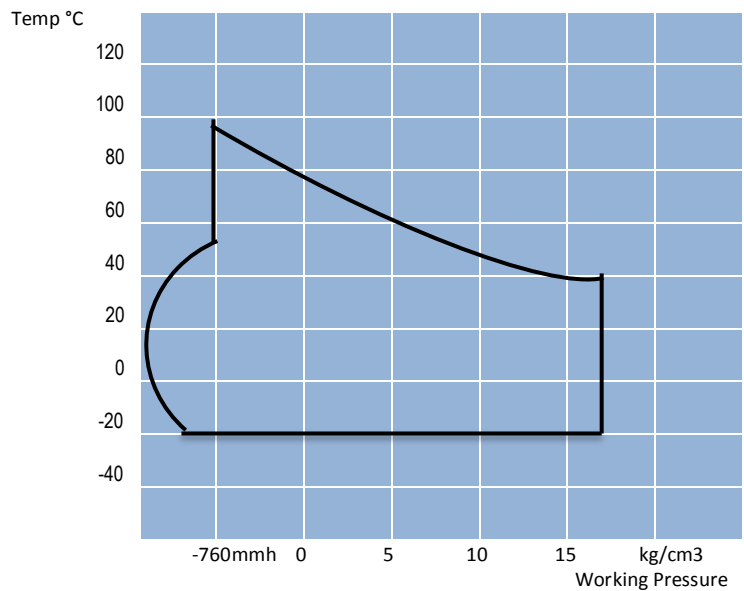
## PFM Engineering Pte Ltd

21 Bukit Batok Crescent #20-79 WCEGA Tower Singapore 658065

Tel: 62789700 Fax: 62789671 Email: [sales@pfmeng.com](mailto:sales@pfmeng.com) Web: [www.pfmeng.com](http://www.pfmeng.com) Co.Reg.No. 197600505C

# Rubber Expansion Joints

Operating conditions	(25-300) (350-700)	
Operating Pressuer (kPa)	1569	784
Burst Presure (kPa)	5883	2353
Vacuum Rating (mm/Hg)	650	
Temperature (deg C)	See Graph	



## PFM Engineering Pte Ltd

21 Bukit Batok Crescent #20-79 WCEGA Tower Singapore 658065

Tel: 62789700 Fax: 62789671 Email: [sales@pfmeng.com](mailto:sales@pfmeng.com) Web: [www.pfmeng.com](http://www.pfmeng.com) Co.Reg.No. 197600505C